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To: Gerri Doyle, District 4 Planning

From: Raymond Webb
Operation Green Light Project Manager, Mid-America Regional Council

Date: August 19, 2014

RE: Project STP-3301(458)
Proprietary Item Request - CCTV

Dear Gerri,

With reference to the above mentioned project, we request approval of a finding in the public interest for PTZ Cameras based on 23CFR 635.411(a)(2) in which the proposed product is essential for synchronization with existing highway facilities.

Mid-America Regional Council (MARC) operates a regional Advanced Traffic Management System for the [Operation Green Light arterial traffic signal system](#) that is comprised of 21 agencies in the MARC region in Kansas City that operates nearly 700 traffic signals. MARC is leading this project that is designing and constructing pan/tilt/zoom cameras and communications enhancements for 15 of its current 21 partner agencies in Missouri and Kansas. The project utilizes STP and local funds as noted in MARC's TIP Project Number 970089. We currently have a project under design that is a Bi-State project that we plan to award for construction this fall.

Attached to this letter is background information from the City of Kansas City, MO to support the request for the sole source of the camera that the City of Kansas City, Missouri is requesting. Of the estimated 62 cameras this project will deploy approximately 25 of these will be built in Kansas City, MO. Once the project is complete, the cameras will be transferred to the individual agencies for their ownership.

We request your concurrence in authorizing MARC to sole source this work by specifying the product in the projects plan specifications.

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

A handwritten signature in blue ink that reads "Eric E. Schuster".

State Design Engineer

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To: Gerri Doyle, Senior Transportation Planner, MoDOT District 4

From: Srinivasa R. Veeramallu, Senior Transportation Engineer, City of Kansas City, MO 

CC: Wei Sun, City Traffic Engineer, City of Kansas City, MO
Ray Webb, Operation Green Light Project Manager, Mid-America Regional Council

Date: August 19, 2014

RE: Project STP-3301(458)
Proprietary Item Request – PTZ Camera

Dear Gerri,

With reference to the above mentioned project, the following information is provided to demonstrate that utilizing proprietary specifications for the PTZ Camera by the City of Kansas City, MO is essential for synchronization with existing traffic signal infrastructure.

City of Kansas City, MO is requesting an exemption from MoDOT Section 136.9.2.6 for the PTZ Camera specification that will be used for traffic signal installations. The proprietary PTZ Camera specification for traffic signal projects has been in use for last few years and is also currently being used for all ongoing traffic signal projects. City of Kansas City, MO desires and intends to continue utilizing the proprietary PTZ Camera specifications as experience gained from the installations to date have shown cost savings during installation and maintenance. PTZ Cameras installed as a part of traffic signal retrofit projects utilize conduit and cabinet space designated for existing traffic signal cables and equipment. Utilizing Power Over Ethernet (POE) as a part of the proprietary specification reduces the required amount of cabling, conduit space and cabinet space which in turn minimizes the need to increase the size of the traffic signal cabinets and the need to add additional conduit. Also, continuing to utilize the proprietary PTZ camera specification will allow the City to standardize the equipment which minimizes the stock inventory needed to fix and repair the equipment. Also, this will help the City to better utilize the available training resources.

If you have any additional questions, please feel free to contact me at 816-513-9863.

State Design Engineer